

Kentucky Method 64-422-03  
Revised 1/8/03  
Supersedes KM 64-422-01  
Dated 12/13/01

## ASPHALT RELEASING AGENT

1. SCOPE: This test method covers the determination of the effectiveness of an asphalt-releasing agent for use in the beds of trucks hauling asphalt mixtures.
2. APPARATUS:
  - 2.1. Provide a flat-bottom metal pan, approximately 10 x 14 inches.
  - 2.2. Provide an oven capable of maintaining a temperature of  $275 \pm 10$  °F.
  - 2.3. Provide an 8-oz. ointment cup.
3. MATERIALS: Provide any asphalt mixture containing a performance-graded (PG) 64-22 asphalt binder conforming to AASHTO M320 MP1, *Performance-Graded Asphalt Binder*.
4. SAMPLE REQUIREMENTS:
  - 4.1. Provide one quart of the asphalt releasing agent.
  - 4.2. Provide a minimum of 5000 g of asphalt mixture.
5. PROCEDURE:
  - 5.1. Heat the asphalt mixture in an oven to a constant temperature of  $275 \pm 10$  °F.
  - 5.2. Coat the metal pan with the releasing agent in the concentration suggested by the manufacturer.
  - 5.3. While the pan is still wet, place the hot asphalt mixture evenly into the pan to an approximate depth of 0.5 inches. Allow the asphalt mixture to cool undisturbed for 15 minutes. Then, attempt to release the asphalt mixture from the pan by scraping it with a spatula.

6. REPORT: The Department will consider the releasing agent as acceptable if the asphalt mixture can be easily removed from the metal pan.

APPROVED \_\_\_\_\_  
Director  
Division of Materials

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